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Admitted only in Maryland Admitted only in Virginia Practice Limited to

December 12, 2003

WRITER'S DIRECT NUMBER: (202) 772-8675 INTERNET ADDRESS: JHELVEY@SKGF.COM

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Re:

U.S. Utility Patent Application

Application No. 09/665,581; Filed: September 18, 2000

For:

Direct Conversion Tuner

Inventor: Our Ref:

Erlend Olson 1875.0160000 Art Unit 2685

RECEIVED

DEC 1 8 2003

Technology Center 2600

Sir:

Transmitted herewith for appropriate action are the following documents:

- 1. Fee Transmittal (Form PTO/SB/17);
- 2. Petition for Extension of Time Under 37 C.F.R. § 1.136(a)(1);
- Amendment Under 37 C.F.R. § 1.111; 3.
- 4. Return postcard; and
- PTO-2038 Credit Card Payment Form for \$1,162.00 to cover: 5.

\$212.00 for additional claims fee; and \$950.00 for extension of time fees.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

Sterne, Kessler, Goldstein & Fox PLLC.: 1100 New York Avenue, NW: Washington, DC 20005: 202.371.2600 f 202.371.2540: www.skgf.com

Commissioner for Patents December 12, 2003 Page 2

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

Joff Belver

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Jeffrey T. Helvey Agent for Applicant

Registration No. 44,757

JTH/agj SKGF\DCI\203177.1

PTO/SB/17 (10-03)

Under the Paperwork Reduction Act of 199	5, no persons are requir	U.S. Patent and Tr		PARTMENT OF COMMERCE	
FEE TRANS	ATTINA	C	omplete if Known	BECEIN	FD
🐧 FEE TRANS		Application Number	09/665,581	ILOCIA	
\mathcal{J} for FY 2	Filing Date	09/18/00	DEC 1 8 20	D3	
Effective 10/01/2003. Patent fees are su	First Named Inventor	Erlend Olson			
	Examiner Name	Nguyen, Duc M.	Technology Cent	er 2600	
Applicant claims small entity status.	Art Unit	2685			
TOTAL AMOUNT OF PAYMENT	(\$) 1,162.00	Attorney Docket No.	1875.0160000		1
METHOD OF PAYMENT (check	FEE CA	ALCULATION (conti	nued)		
Check X Credit card Money Order **Charge any deficiencies or credit any of the fees to Deposit Account: the fees to Deposit Account:	X Other* None overpayments in Acct. No. 19-0036.	3. ADDITIONAL FEES Large Entity Small Entity Fee Fee Fee Fee Code (\$) Code (\$)	Fee Description	Fee Paid	

*Charge any deficiencies or credit any overpayments in Deposit Account: the fees to Deposit Acct. No. 19-0036.	<u>Large</u>	Entity	Small	Entity	-	
Deposit	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
Account 19-0036	1051	130	2051		Surcharge - late filing fee or oath	1001410
Deposit Account Sterne Kessler, Goldstein & Fox P.L.L.C.	1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
Name		130	1053	130	Non-English specification	
The Director is authorized to: (check all that apply) Charge fee(s) indicated below Credit any overpayments		2,520	1812	2,520	For filing a request for ex parte reexamination	
Charge any additional fee(s) or any underpayment of fee(s)		920*	1804	920*	Requesting publication of SIR prior to Examiner action	
Charge fee(s) indicated below, except for the filing fee		1,840*	1805	1,840*	Requesting publication of SIR after	
to the above-identified deposit account.					Examiner action	
FEE CALCULATION	1251	110	2251	55	Extension for reply within first month	
1. BASIC FILING FEE	1252	420	2252	210	Extension for reply within second month	\$950.00
Large Entity Small Entity	1253	950	2253	475	Extension for reply within third month	\$930.00
Fee Fee Fee Fee Pee Paid Code (\$) Code (\$)	1254	1,480	2254	740	Extension for reply within fourth month	
1001 770 2001 385 Utility filing fee	1255	2,010	2255	1,005	Extension for reply within fifth month	
1002 340 2002 170 Design filing fee	1401	330	2401	165	Notice of Appeal	
1003 530 2003 265 Plant filing fee	1402	330	2402	165	Filing a brief in support of an appeal	
1004 770 2004 385 Reissue filing fee	1403	290	2403	145	Request for oral hearing	
1005 160 2005 80 Provisional filing fee	1451	1,510	1451	1,510	Petition to institute a public use proceeding	
SUBTOTAL (1) (\$) 0.00	1452	110	2452	55	Petition to revive - unavoidable	
	1453	1,330	2453	665	Petition to revive - unintentional	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1501	1,330	2501	665	Utility issue fee (or reissue)	
Ext <u>ra Claims below Fee Paid</u>	1502	480	2502	240	Design issue fee	
Total Claims 62 - 55 **= 7 X \$18.00 = \$126.00	1503	640	2503	320	Plant issue fee	,
Claims 8 - / 1 × 380.00 = 380.00	1460	130	1460	130	Petitions to the Commissioner	
Multiple Dependent \$290.00 = \$0.00	1807	50	180	7 50	Processing fee under 37 CFR 1.17(q)	
Large Entity Small Entity Fee Fee Fee Fee Fee Description	1806	180	180		Submission of Information Disclosure Stmt	i Ì
Code (\$) Code (\$)	8021	40	802	1 40	Recording each patent assignment per property (times number of properties)	
1202 18 2202 9 Claims in excess of 20 1201 86 2201 43 Independent claims in excess of 3	1809	770	280	9 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1203 290 2203 145 Multiple dependent claim, if not paid	1810	770	281	0 385	For each additional invention to be	
1204 86 2204 43 ** Reissue independent claims over original patent	1801	770	2801	385	examined (37 CFR 1.129(b)) Request for Continued Examination (RCE)	
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	1802	900	1802	900	Request for expedited examination of a design application	

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SUBMITTED BY	SUBMITTED BY (Complete (if applicable))						
Name (Print/Type)	Jeffrey T. Helvey	Registration No. (Attorney/Agent)	44,757	Telephone	(202) 371-2600		
Signature	34	Helve		Date	12/12/03		

Other fee (specify) _

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

SUBTOTAL (2)